

BLACKHAWK®

BLACKHAWK MFG. CO.—Milwaukee 46, Wis.

U. S. USER PRICE LIST FOR ALL PORTO-POWER

No. UP-1507

EFFECTIVE August 1, 1958
Supersedes UP-1506

Part or Model No.	Sug. User	Description	Ship. Wt. Lbs. Oz.	Part or Model No.	Sug. User	Description	Ship. Wt. Lbs. Oz.
AV-123	\$ 1.55	1 1/2" Punch for 3/4" Conduit	— 3	FZ-1250	4.95	Offset Notched Pull Toe	2 6
AV-124	.85	1 1/2" Die for 3/4" Conduit	— 4	FZ-1300	3.95	Pull Clamp Plate (Large)	5 —
AV-125	1.80	1 1/2" Punch for 1" Conduit	— 8	FZ-1301	2.10	Edge Clamp Pusher Head	1 2
AV-126	1.00	1 1/2" Die for 1" Conduit	— 7	FZ-1601	2.35	1/2" 90° Elbow Fitting	— 10
AV-127	2.00	1 1/2" Punch for 1 1/4" Condt.	— 6	FZ-1602	2.95	1/2" 45° Elbow Fitting	— 9
AV-128	1.10	1 1/2" Punch for 1 1/4" Condt.	— 8	FZ-1603	3.50	1/4" Tee Fitting	— 15
AV-439	2.55	1 1/2" Punch for 1 1/2" Condt.	— 10	FZ-1604	4.70	1/2" Cross Fitting	1 3
AV-440	2.20	1 1/2" Die for 1 1/2" Conduit	— 12	FZ-1605	2.80	1/2" Coupling	— 3
AV-441	3.50	2 1/2" Punch for 2" Conduit	— 14	FZ-1606	4.95	1/2" Street Elbow	— 6
AV-442	2.75	2 1/2" Die for 2" Conduit	1 1	FZ-1607	.30	1/2" Close Nipple, 7/8" long	— 3
AV-1429	5.70	2 7/8" Punch for 2 1/2" Condt.	1 6	FZ-1608	.30	1/4" Short Nipple, 1 1/2" long	— 4
AV-1430	5.25	2 7/8" Die for 2 1/2" Conduit	1 9	FZ-1609	.35	1/4" Long Nipple, 2" long	— 6
AV-1431	8.50	3 1/2" Punch for 3" Conduit	2 5				
AV-1432	7.80	3 1/2" Die for 3" Conduit	2 —	FZ-1610	2.80	3/8" 90° Elbow Fitting	1 —
AZ-10	263.45	Super Bant. Ass't in Z-1096	126 —	FZ-1611	3.45	3/8" 45° Elbow Fitting	1 —
AZ-11	145.00	Bant. Push or Pull Kit	55 —	FZ-1612	4.15	3/8" Tee Fitting	1 6
AZ-12	62.15	Bantam Pull Clamp Kit	9 18	FZ-1613	5.65	3/8" Cross Fitting	1 8
AZ-13	25.30	Bantam Lock-On Tubing Set	9 13	FZ-1614	2.80	3/8" Coupling	— 4
AZ-14	38.50	Bantam Pull Clamp Ass't	14 —	FZ-1615	3.50	3/8" Reduc. Fitting (to 1/4")	— 4
AZ-16	127.80	Bant. "All-Utility" Set	40 —	FZ-1616	6.60	1/2" Street Elbow	— 7
AZ-17	85.20	Bant. Jun. Body Kit	30 —	FZ-1617	.30	1/2" Close Nipple, 1" long	— 3
AZ-22	175.70	Bant. Push or Pull Kit	58 —	FZ-1618	.30	1/2" Short Nipple, 1 1/2" long	— 4
AZ-25	144.80	Bant. Sheet Metal Kit	48 —	FZ-1619	.35	1/2" Long Nipple, 2" long	— 6
AZ-30	129.95	4 ton Master Rescue Set	56 —	FZ-1620	3.30	1/2" 90° Elbow Fitting	1 10
AZ-31	114.00	4 ton Special Rescue Set	48 —	FZ-1621	3.85	1/2" 45° Elbow Fitting	— 7
AZ-1002	1.60	3" Lock-On Extension Tube	— 7	FZ-1622	4.70	1/2" Tee Fitting	2 2
AZ-1003	1.70	5" Lock-On Extension Tube	— 9	FZ-1623	6.50	1/2" Cross Fitting	2 12
AZ-1004	2.15	10" Lock-On Extension Tube	1 3	FZ-1624	2.80	1/2" Coupling	— 8
AZ-1005	2.60	15" Lock-On Extension Tube	1 14	FZ-1625	4.20	1/2" Reduc. Fitting (to 3/8")	— 8
AZ-1006	3.30	23" Lock-On Extension Tube	2 14	FZ-1626	6.60	1/2" Street Elbow	1 —
AZ-1050	1.80	Lock-On Tube Connector	— 8	FZ-1627	.30	1/2" Close Nipple, 1 1/8" long	— 3
AZ-1051	1.50	Lock-On Tube Male Adapt.	— 8	FZ-1628	.30	1/2" Short Nipple, 1 1/2" long	— 4
AZ-1052	2.10	Lock-On Tube Fem. Adapt.	— 8	FZ-1629	.35	1/2" Long Nipple, 2" long	— 6
AZ-1053	1.85	Ext. Tube Cplg.—4 1/4" long	— 12	FZ-1630	1.65	Reducer Bush. (3/8" to 1/4")	— 1
AZ-1180	.95	Short Chain—7 3/4" long	— 6	FZ-1631	.60	Caster for P-182, P-285, etc.	4 —
AZ-1200	1.85	Rubber-faced Flat Base	1 4	GA-100-S	46.80	Gauge	6 —
AZ-1250	2.15	Offset Notched Pull Toe	1 2				
AZ-1300	2.10	Pull Clamp Plate (Small)	1 4	HP-20	102.00	20T Unit w/o Gauge	39 —
AZ-1301	1.80	Pull Clamp Adaptor	— 8	HP-20-G	135.90	20T Unit w/Gauge	40 —
AZ-1303	6.20	Fender Clamp	2 4	HP-30	110.00	30T Unit w/o Gauge	47 —
AZ-1304	8.35	Pull Clamp	1 12	HP-30-G	143.90	30T Unit w/Gauge	48 —
AZ-1307	1.30	Long Clamp Link	— 7	HP-60	265.00	60T Unit w/o Gauge	101 —
AZ-1308	3.60	Clamp Head	1 —	HP-60-G	298.90	60T Unit w/Gauge	102 —
AZ-1600	6.15	Low Crown Adjust. Spoon	1 6	HP-200	146.80	Push-Puller Set w/o Gauge	62 —
AZ-1650	12.95	Metal Case for Bantam	12 —	HP-200-G	180.70	Push-Puller Set w/Gauge	63 —
AZ-1701	3.20	Swivel Connector	— 9	HP-201	28.90	Push-Pulling Assem.	19 8
AZ-1900	.30	Bantam Lock Pin	— 4	HP-202	137.85	Push-Pull. Con. Set w/o Ga.	54 —
C-100-S	46.80	Gauge	6 —	HP-202-G	171.75	Push-Puller Con. Set w/Ga.	55 —
EK-5	185.00	Mechanical Pull-Dozer	60 8	HP-206	164.90	Dble. Grip Pull. w/o Gauge	66 —
EK-6	149.00	Mech. Frame Assem. Only	36 —	HP-206-G	198.80	Dble. Grip Puller w/Gauge	67 —
EK-8	39.75	Pull-Dozer Attach. Set	30 —	HP-207	47.00	Dble. Grip Pulling Assem.	24 —
EK-10	259.00	Hydraulic Pull-Dozer	08 —	HP-208	133.80	Dble. Grip Pull. Conv. Set	—
EK-11	149.00	Hydr. Frame Only	54 —			w/o Gauge	47 —
EK-12	223.00	Hydraulic Frame Assem. (Includes EK-11 & S-70)	78 —	HP-208-G	167.70	Dble. Grip Pull. Con. w/Ga.	48 —
EK-72	29.70 pr.	Universal Clamps	9 —	HP-209	154.90	Dble. Grip Pull. w/o Gauge	64 —
EK-74	18.50 pr.	Tension Plates	5 —	HP-209-G	188.80	Dble. Grip Puller w/Ga.	65 —
EK-78	29.70 pr.	Univers. Clamps—Bant.	9 —	HP-210	37.00	Dble. Grip Pulling Assem.	21 —
EK-79	18.50 pr.	Tension Plates—Bant.	5 —	HP-211	191.90	Trip. Grip Puller w/o Gauge	79 —
EK-221	5.00	4' chain with 2 hooks	3 —	HP-211-G	225.80	Trip. Grip Puller w/Ga.	80 —
EK-222	4.75	6' chain with 1 hook	4 —	HP-212	74.00	Triple Grip Pulling Assem.	36 —
EK-223	4.40	Flat Pull Plate Attach.	1 —	HP-213	147.85	Trip. Grip Pull. con. w/o Ga.	44 —
EK-224	3.50	Bumper Chain Hook Attach.	1 8	HP-213-G	181.75	Trip. Grip. Pull. Con. w/Ga.	45 —
EK-225	4.70	Panel Puller Attach.	1 8	HP-214	176.90	Trip. Grip Pull. w/o Gauge	75 —
EK-226	10.00	"C" Clamp Attach.	2 —	HP-214-G	210.80	Trip. Grip Pull. w/Ga.	76 —
FZ-10	764.50	Bench-Rack complete	535 —	HP-215	59.00	Trip. Grip Pull. Assem.	33 —
FZ-13	71.40	Std. Pull Clamp Ass't	23 —	HP-216	19.95	Bearing Pulling Attach.	11 —
FZ-14	43.95	Std. Lock-On Tubing Set	34 —	HP-217	19.95	Bearing Cup Pulling Attach.	4 4
FZ-15	382.20	Super Maintenance Ass't	238 —	HP-218	19.95	Bearing Cup Pulling Attach.	4 8
FZ-24	384.00	Rescue Kit w/o case	200 —	HP-219	19.95	Bearing Cup Pulling Attach.	4 —
FZ-25	414.00	Rescue Kit w/19523 case	244 —	HP-220	15.90	Ram Mount, and Adjust. Set	5 —
FZ-26	438.90	Att'mts only for FZ-10	170 —	HP-221	328.30	Gen. Pull. Ass't w/o Gauge	119 —
FZ-27	330.00	Bench-Rack only for FZ-10	365 —	HP-221-G	362.20	Mast. Pull. Ass't w/Gauge.	138 —
FZ-28	229.90	Rescue Kit w/19811 case	146 —	HP-222	601.25	Mast. Pull. and Maint. Ass't	—
FZ-29	211.20	Rescue Kit w/o case	122 —			w/o Gauge	384 —
FZ-31	175.70	Standard Maint. Ass't	126 —	HP-222-G	793.35	Mast. Pull. and Maint. Ass't	—
FZ-48	297.00	Std. Push or Pull Set	208 —			w/Gauge	385 —
FZ-49	260.00	Std. Push or Pull Ass't only	142 —	HP-223	507.45	Mast. Pull. and Maint. Ass't	—
FZ-59	139.00	Junior Body Ass't	82 —			w/o Gauge	289 —
FZ-1002	2.70	5" Lock-On Extension Tube	1 2	HP-223-G	699.55	Mast. Pull. and Maint. Ass't	—
FZ-1003	3.65	10" Lock-On Extension Tube	2 6			w/Gauge	290 —
FZ-1004	4.95	20" Lock-On Extension Tube	5 —	HP-225-G	520.40	Master Puller Set	92 —
FZ-1005	5.85	30" Lock-On Extension Tube	7 6	HP-226	13.80	Adj. Screw Push-Pull Set	4 —
FZ-1050	3.50	Lock-On Tube Connector	2 —	HP-227	33.30	Adj. Screw Contact Set	16 —
FZ-1051	3.00	Lock-On Tube Male Adapt.	1 10	HP-228	27.20	Push-Puller Leg Set	16 8
FZ-1052	3.65	Lock-On Tube Fem. Adapt.	1 8	HP-229	124.90	Push-Puller Att. Set	23 8
				HP-231	64.40	Push-Puller Adapt. Set	10 8

Part or Model No.	Sug. User	Description	Ship. Wt. Lbs. Oz.	Part or Model No.	Sug. User	Description	Ship. Wt. Lbs. Oz.
HP-232	60.50	Push-Puller Leg Reduc. Set	13 —	MALE and FEMALE ADAPTORS			
HP-300	180.40	Push-Puller Set w/o Gauge	84 —	HP-2300	1.95	Male 1/4"-20, Fem. 5/8"-18	— 5
HP-300-G	214.30	Push-Puller Set w/Gauge	85 —	HP-2301	1.95	Male 3/8"-18, Fem. 5/8"-18	— 5
HP-301	47.50	Push-Pulling Assem.	33 4	HP-2302	1.95	Male 1/2"-14, Fem. 5/8"-18	— 5
HP-302	157.65	Push-Puller Con. w/o Gauge	67 —	HP-2303	1.95	Male 1/2"-20, Fem. 5/8"-18	— 5
HP-302-G	191.55	Push-Puller Con. w/Gauge	68 —	HP-2304	1.95	Male 3/8"-24, Fem. 5/8"-18	— 5
HP-303	192.80	Spec. Push-Pull. w/o Gauge	99 —	HP-2305	1.95	Male 3/8"-16, Fem. 5/8"-18	— 5
HP-303-G	226.70	Spec. Push-Pull. w/Gauge	100 —	HP-2306	1.95	Male 1/2"-20, Fem. 5/8"-18	— 5
HP-304	59.90	Spec. Push-Pull. Assem.	42 —	HP-2307	1.95	Male 1/2"-13, Fem. 5/8"-18	— 5
HP-305	167.65	Spec. Push-Pull. Con. w/o Ga	74 —	HP-2308	1.95	Male 3/8"-18, Fem. 5/8"-18	— 5
HP-305-G	201.55	Spec. Push-Pull. Con. w/Ga.	75 —	HP-2309	1.95	Male 3/8"-11, Fem. 5/8"-18	— 5
HP-306	220.40	Dble. Grip Pull. w/o Gauge	120 —	HP-2310	1.95	Male 3/4"-16, Fem. 5/8"-18	— 5
HP-306-G	254.30	Dble. Grip Pull. w/Gauge	121 —	HP-2311	1.95	Male 3/4"-10, Fem. 5/8"-18	— 5
HP-307	87.50	Dble. Grip Pulling Assem.	58 —	HP-2312	1.95	Male 3/8"-14, Fem. 5/8"-18	— 6
HP-308	157.65	Dbl. Grip Pull. Con. w/o Ga	59 —	HP-2313	1.95	Male 3/8"-9, Fem. 5/8"-18	— 6
HP-308-G	191.55	Dbl. Grip Pull. Con. w/Ga.	60 —	HP-2314	1.95	Male 1"-14, Fem. 5/8"-18	— 8
HP-309	208.40	Dble. Grip Pull. w/o Gauge	109 —	HP-2315	2.95	Male 1/8"-12, Fem. 5/8"-18	— 9
HP-309-G	242.30	Dble. Grip Pull. w/Gauge	110 —	HP-2316	2.95	Male 1/8" Pipe, Fem. 5/8"-18	— 5
HP-310	75.50	Dble. Grip Pulling Assem.	51 —	HP-2317	2.95	Male 1/4" Pipe, Fem. 5/8"-18	— 5
HP-311	272.90	Trip. Grip Pull. w/o Gauge	146 —	HP-2318	2.95	Male 3/8" Pipe, Fem. 5/8"-18	— 5
HP-311-G	306.80	Trip. Grip Pull. w/Gauge	147 —	HP-2319	2.95	Male 1/2" Pipe, Fem. 5/8"-18	— 5
HP-312	140.00	Trip. Grip Pulling Assem.	90 —	HP-2320	2.95	Male 5/8"-11, Fem. 1"-14	— 7
HP-313	182.40	Trip. Grip Pull. Con. w/o Ga.	64 —	HP-2321	2.95	Male 3/8"-18, Fem. 1"-14	— 11
HP-313-G	216.30	Trip. Grip Pull. Con. w/Ga.	65 —	HP-2322	2.95	Male 3/4"-16, Fem. 1"-14	— 9
HP-314	255.40	Trip. Grip Pull. w/o Gauge	137 —	HP-2323	2.95	Male 3/4"-10, Fem. 1"-14	— 9
HP-314-G	289.30	Trip. Grip Pull. w/Gauge	138 —	HP-2324	2.95	Male 3/8"-14, Fem. 1"-14	— 10
HP-315	122.50	Trip. Grip Pulling Assem.	80 —	HP-2325	2.95	Male 3/8"-9, Fem. 1"-14	— 10
HP-316	32.95	Bearing Pulling Attach.	19 12	HP-2326	2.95	Male 1"-8, Fem. 1"-14	— 10
HP-317	57.50	Spec. Bearing Pull. Attach.	41 12	HP-2327	2.95	Male 1/8"-12, Fem. 1"-14	— 12
HP-318	34.50	Bearing Cup Pull. Attach.	9 8	HP-2328	5.95	Male 1"-14, Fem. 1"-14	1 9
HP-319	44.75	Bearing Cup Pull. Attach.	13 8	HP-2329	5.95	Male 1 3/4"-12, Fem. 1 1/4"-12	2 8
HP-320	22.90	Ram Mount. & Adjust. Set	10 —	HP-2330	5.95	Male 3/8"-18, Fem. 1 1/4"-7	— 4
HP-321	549.25	Mast. Pull. Ass't w/o Gauge	307 —	HP-2331	5.95	Male 1 1/4"-7, Fem. 1"-14	— 14
HP-321-G	555.50	Mast. Pull. Ass't w/Gauge	308 —	HP-2332	5.95	Male 1"-14, Female 1"-14	1 7
HP-322	822.20	Mast. Pull. and Maint. Ass't w/o Gauge	543 —	HP-2333	6.90	Male 1"-8, Fem. 1 5/8"-5 1/2	— 2
HP-322-G	1010.35	Mast. Pull. and Maint. Ass't w/Gauge	544 —	HP-2334	6.90	Male 1"-14, Fem. 1 5/8"-5 1/2	2 2
HP-325-G	737.40	Master Puller Set	358 —	HP-2335	2.95	Male 5/8"-18, Fem. 1"-14	1 1
HP-326	23.70	Push-Pull Adapt. Set	6 —	HP-2336	7.95	Male 1"-8, Fem. 1 1/4"-12	3 3
HP-327	35.80	Push-Puller Leg Set	26 8	HP-2337	9.95	Male 1"-14, Fem. 1 1/2"-12	2 5
HP-329	141.40	Push-Puller Att. Set	31 4	HP-2338	9.95	Male 1" Shank, F. 1 5/8"-5 1/2	— 5
HP-330	43.40	Push-Puller Leg Set	31 8	HP-2339	9.95	M. 1 1/4" Shank, F. 1 5/8"-5 1/2	2 12
HP-331	71.00	Push-Puller Leg Reducer Set	16 —	HP-2340	5.95	Male 3/4"-12, Fem. 1"-14	1 10
HP-332	70.40	Push-Puller Leg Adaptor Set	15 4	HP-2344	3.10	Gauge Adapt. for HP-2345	— 4
HP-500	432.65	Push-Puller Set w/o Gauge	232 —	HP-2345	30.80	Gauge for Holl-O-Rams	1 —
HP-500-G	466.55	Push-Puller Set w/Gauge	233 —	DUAL REDUCERS			
HP-501	130.00	Push-Pulling Assem.	107 8	HP-2500	1.00	From 5/8"-18 to 1/2"-20	— 2
HP-506	456.15	Dbl. Grip Puller w/o Gauge	238 —	HP-2501	1.25	From 5/8"-18 to 3/8"-18	— 3
HP-506-G	490.05	Dble. Grip Puller w/Gauge	239 —	HP-2502	1.50	From 5/8"-18 to 3/4"-20	— 3
HP-507	153.50	Dble. Grip Pulling Assem.	112 —	HP-2503	1.50	From 5/8"-18 to 1 1/4"-16	— 3
HP-509	430.15	Dble. Grip Puller w/o Gauge	228 —	HP-2504	1.50	From 5/8"-18 to 7/8"-14	— 4
HP-509-G	464.05	Dble. Grip Puller w/Gauge	229 —	HP-2505	1.95	From 5/8"-18 to 7/8"-18	— 4
HP-510	127.50	Dble. Grip Pulling Assem.	102 —	HP-2506	1.95	From 5/8"-18 to 7/8"-20	— 9
HP-511	539.15	Trip. Grip Pull. w/o Gauge	309 —	HP-2507	1.95	From 5/8"-18 to 1"-14	— 5
HP-511-G	573.05	Trip. Grip Pull. w/Gauge	310 —	HP-2508	1.95	From 5/8"-18 to 1 1/8"-12	— 7
HP-512	236.50	Trip. Grip Pulling Assem.	183 —	HP-2509	1.95	From 1"-14 to 1 1/8"-12	— 12
HP-514	497.15	Trip. Grip Pull. w/o Gauge	277 —	HP-2510	2.50	From 5/8"-18 to 1 1/4"-12	— 10
HP-514-G	531.05	Trip. Grip Pull. w/Gauge	278 —	HP-2511	4.95	From 1"-14 to 1 1/4"-12	— 15
HP-515	194.50	Trip. Grip Pulling Assem.	100 —	HP-2512	4.95	From 1"-14 to 1 1/4"-18	1 6
HP-516	175.00	Bearing Pulling Attach.	100 —	HP-2513	4.95	From 1 1/4"-12 to 1 1/4"-12	1 4
HP-517	275.00	Bearing Pulling Attach.	197 —	HP-2514	4.95	From 5/8"-18 to 1 1/4"-7	— 10
HP-520	37.65	Ram Mount. & Adjust. Set	20 —	HP-2515	4.95	From 1"-14 to 1 1/4"-7	1 —
HP-525-G	1177.35	Master Puller Set	610 —	HP-2516	2.50	From 5/8"-18 to 1 1/2"-12	— 11
HP-526	33.70	Push-Pull Adapt. Set	9 8	HP-2517	4.50	From 1"-14 to 1 1/2"-12	— 15
HP-528	79.30	Push-Puller Leg Set	27 —	HP-2518	4.50	From 5/8"-18 to 1 1/2"-7	1 3
HP-529	33.70	Push-Puller Att. Set	5 8	HP-2519	4.50	From 1"-14 to 1 1/2"-7	1 1
HP-2001	.35	Leg Nut	— 4	HP-2520	4.50	From 1"-18 to 1 1/2"-18	1 —
HP-2002	.35	Leg Washer	— 3	STEP-PLATE ADAPTORS			
HP-2003	19.95	Push-Puller Crossblock	11 8	HP-2600	.75	SD 5/8", FD 7/8"	— 1
HP-2005	.95	Sliding Plate	— 3	HP-2601	.75	SD 3/4", FD 1"	— 2
HP-2006	3.95	Leg, 9 1/2" Long	2 2	HP-2602	.75	SD 7/8", FD 1 1/8"	— 2
HP-2007	4.45	Leg, 16 1/2" Long	3 4	HP-2603	.75	SD 1", FD 1 1/4"	— 2
HP-2008	4.95	Leg, 22 1/2" Long	4 8	HP-2604	.85	SD 1 1/8", FD 1 3/8"	— 3
HP-2009	.95	Leg End	— 4	HP-2605	.90	SD 1 1/4", FD 1 5/8"	— 5
HP-2010	1.95	Speed Crank	— 14	HP-2606	.95	SD 1 3/8", FD 1 3/4"	— 6
HP-2011	6.95	Adjusting Screw	1 12	HP-2607	1.25	SD 1 1/2", FD 1 7/8"	— 8
HP-2012	3.45	Leg, 4 1/2" Long	1 4	HP-2608	1.45	SD 1 5/8", FD 2"	— 8
HP-2013	.20	Ram Base Attach. Screw	— 1	HP-2609	1.65	SD 1 3/4", FD 2 1/4"	— 10
HP-2014	6.60	Threaded Hollow Saddle	— 6	HP-2610	1.75	SD 1 7/8", FD 2 3/8"	— 12
HP-2020	15.90	Double Grip Crosshead	4 —	HP-2611	1.95	SD 2", FD 2 1/2"	1 2
HP-2021	1.25	Strap	1 8	HP-2612	2.65	SD 2 1/8", FD 2 5/8"	1 4
HP-2022	.45	Cap Screw	— 3	HP-2613	2.95	SD 2 1/4", FD 2 3/4"	1 7
HP-2023	.20	Nut	— 1	HP-2614	3.50	SD 2 3/8", FD 2 5/8"	1 9
HP-2024	9.95	Short Arm	6 —	HP-2615	3.75	SD 2 1/2", FD 3"	1 11
HP-2025	13.95	Long Arm (21")	7 8	HP-2616	3.95	SD 2 3/4", FD 3 1/4"	2 —
HP-2026	6.75	Solid Serrated Saddle	— 9	HP-2617	3.95	SD 3", FD 3 1/2"	2 6
HP-2027	2.95	Adaptor	— 12	HP-2700	.95	Cent. Pt. Base 7/8", SD 1 1/2"	— 4
HP-2028	2.95	Adaptor	— 14	HP-2701	.95	Cent. Pt. Base 3/4", SD 1 1/4"	— 4
HP-2029	3.95	Adaptor, Pushing	1 —	HP-2702	.75	Cent. Pt. Base 1", SD 1"	— 3
HP-2030	29.95	Triple Grip Crosshead	4 8	HP-2703	.65	Cent. Pt. Base 1/4", SD 3/4"	— 2
HP-2031	1.25	Reducer	— 5	HP-2704	.55	Cent. Pt. Base 1/2", SD 5/8"	— 1
HP-2032	3.95	Adaptor, Pushing	1 5	HP-2705	.50	Cent. Pt. Base 1", SD 5/8"	— 1
HP-2033	3.95	Speed Nut	2 —	HP-3001	.50	Leg Nut	— 1
HP-2034	5.45	Smooth Hollow Saddle	— 7				

Part or Model No.	Sug. User	Description	Ship. Wt. Lbs. Oz.	Part or Model No.	Sug. User	Description	Ship. Wt. Lbs. Oz.
HP-3002	.50	Leg Washer	— 2	RC-640	22.65	2T Pull-Ram w/ZR-630	3 14
HP-3003	24.75	Push-Puller Crossblock	13 —	S-30A	166.65	Pipe Bender Set	92 —
HP-3004	34.75	Spec. Push-Pull, Crossblock	19 8	S-31	161.95	10T Maintenance Set	120 —
HP-3005	1.95	Sliding Plate	— 3	S-34	279.00	Thin-Wall Pipe Bender Set	166 —
HP-3006	4.95	Leg, 8" Long	3 8	S-35	172.70	Thin-Wall Bender Attach's	96 —
HP-3007	7.95	Leg, 18" Long	6 4	S-36	363.00	Pipe Bender Set	240 —
HP-3008	10.00	Leg, 28" Long	9 —	S-37	199.00	Ass't of 20T Attach.	210 —
HP-3009	1.95	Leg End	— 3	S-45	206.95	10T Set	177 —
HP-3010	3.95	Speed Crank	1 10	S-59	120.95	Junior Body Set	72 —
HP-3011	11.95	Adjusting Screw	6 —	S-70	74.00	Hydr. Unit for Pull-Dozer	24 —
HP-3014	6.60	Threaded Hollow Saddle	— 7	S-71	74.00	10T Hydraulic Unit	31 —
HP-3020	24.75	Dble. Grip Crosshead	6 —	S-72	79.20	10T Hydraulic Unit	29 11
HP-3021	2.50	Strap	2 —	S-73	78.65	10T Hydraulic Unit	29 11
HP-3022	1.45	Cap Screw	— 4	S-76	74.00	7T Hydraulic Unit	30 —
HP-3023	.50	Nut	— 2	S-78	109.70	20T Hydraulic Unit	46 —
HP-3024	19.95	Short Arm (25 1/4")	12 —	S-79	308.00	20T Set	245 —
HP-3025	26.95	Long Arm (31 3/4")	14 —	S-80	279.00	50T Hydraulic Unit	107 —
HP-3026	7.20	Solid Serrated Saddle	— 12	S-82	314.00	50T Hydraulic Set	114 —
HP-3029	5.90	Adaptor, Push.	1 7	S-83	94.60	Attach. Ass't for S-30A	62 —
HP-3030	49.50	Triple Grip Crosshead	7 —	S-84	257.40	Attach. Ass't for S-36	193 —
HP-3031	.60	Leg Nut	— 3	S-100	407.00	Deluxe 10 ton Set	374 —
HP-3032	.95	Leg Washer	— 2	S-130	218.90	Pipe Bender Set	111 7
HP-3033	4.95	Speed Nut	3 —	S-131	151.80	Ass't Attach. for S-130	81 12
HP-3035	2.95	Sliding Plate	— 3	S-132	546.00	Pipe Bender Set w/P-550	187 7
HP-3036	6.00	Leg, 8" Long	4 —	S-137	621.50	Pipe Bender Set	315 15
HP-3037	9.50	Leg, 18" Long	7 8	S-138	522.50	Pipe Bender Set	251 5
HP-3038	12.75	Leg, 28" Long	11 —	S-139	803.00	Pipe Bender Set w/P-550	304 5
HP-3039	2.95	Leg End	— 3	S-140	902.00	Pipe Bender Set w/P-550	369 15
HP-3041	2.95	Reducer	— 10	S-142	185.00	20T Hydraulic Unit	70 7
HP-3042	5.90	Adaptor, Push.	1 12	S-143	466.90	20T Hyd. Unit w/P-550	123 7
HP-3043	5.95	Smooth Hollow Saddle	— 8	S-200	585.00	Super Deluxe 10T Set	483 —
HP-5001	.90	Leg Nut	— 8	SA-4	25.00	Wedgie w/ZR-400	3 14
HP-5002	4.75	Sliding Plate	1 —	SA-6	25.00	Wedgie w/ZR-630	3 —
HP-5003	69.50	Push-Puller Crossblock	66 —	SA-7	43.70	"Spred" Ram	18 12
HP-5005	3.95	Sliding Plate	1 —	SA-8	47.40	Spred-Ram w/ZR-400	—
HP-5007	22.75	Leg, 24" Long	17 —	SA-9	33.30	Wedgie "Pick" Set	4 4
HP-5008	28.75	Leg, 34" Long	23 8	SA-16	104.00	Bantam Ass't	40 —
HP-5010	4.95	Speed Crank	3 8	SA-17	67.50	Bantam Ass't	22 —
HP-5011	22.50	Adjusting Screw	14 —	SA-18	142.65	Bantam Ass't	70 —
HP-5013	.50	Ram Base Attach. Screw	— 1	SA-25	124.85	Bantam Sheet Metal Kit	46 —
HP-5014	9.20	Threaded Hollow Saddle	1 4	SA-27	164.40	Light Duty Rescue Set	56 —
HP-5020	44.50	Double Grip Crosshead	24 —	SA-50	51.00	4T Hydraulic Unit	11 2
HP-5021	4.75	Strap	5 4	SB-43	118.00	10T Hydraulic Unit	34 —
HP-5022	1.60	Cap Screw	1 1	SB-60	103.95	Hydraulic Conv. Kit	26 1
HP-5023	.65	Nut	— 5	SB-61	124.85	Knock-Out Set	30 2
HP-5024	37.50	Short Arm (31")	30 —	SB-62	234.00	Master Knock-Out Set	60 —
HP-5025	51.50	Long Arm (43")	35 —	SB-70	76.45	12T Hydraulic Unit	12 15
HP-5026	10.15	Solid Serrated Saddle	2 5	SC-4	77.00	Remote Control Assembly	13 6
HP-5030	60.00	Triple Grip Crosshead	32 —	V-8	21.95	Needle Valve	2 —
HP-5031	8.10	Smooth Hollow Saddle	1 13	V-9	21.95	Choker Valve	1 12
HP-5033	9.95	Speed Nut	5 —	V-38	27.50	Remote Control Valve	2 6
HP-5034	9.95	Bear Cup Pull, Attach. Adapt	—	Z-5	3.00	Chain Pull Plate	3 10
P-16.99	4.95	Gauge Adaptor	1 12	Z-8	2.20	Clamp End Toe	1 14
P-75	29.95	Hydr. Pump for Pull-Dozer	13 —	Z-9	1.95	Spreader Plunger Toe	1 9
P-76	29.95	Pump, Hand Operated	14 —	Z-10	.95	Short Connector	— 9
P-80	68.00	Pump, Auto., 2 speed	26 —	Z-14	3.65	Flat Base Plate	3 3
P-85	130.00	Pump, Hand Operated	42 —	Z-16	1.65	90° "V" Base	1 3
P-182	355.00	Pump, Electric Driven	82 —	Z-21	.50	Clamp Toe Lock Pin	— 2
P-228	93.60	Hand Pump, 40,000 psi	19 —	Z-24	4.40	30" Steel Extension Tube	7 9
P-254	467.50	Pump, Electric Driven	90 —	Z-25	3.30	20" Steel Extension Tube	5 —
P-255	467.50	Pump, Electric Driven	90 —	Z-26	1.95	10" Steel Extension Tube	2 8
P-285	357.50	Pump, Electric Driven	90 —	Z-27	1.35	5" Steel Extension Tube	1 2
P-400	22.35	Pump, Hand Operated	6 —	Z-30	2.50	Spreader Ram Toe	2 3
P-550	370.00	Pump, Auto. 2-Speed, elec.	85 —	Z-34	2.30	Serrated Saddle	— 10
R-20	55.00	20 ton Holl-O-Ram	15 8	Z-36	1.20	Tube Coupling	— 12
R-30	64.30	30 ton Holl-O-Ram	24 8	Z-45	3.65	Adaptor Plate	3 2
R-60	179.30	60 ton Holl-O-Ram	56 8	Z-50	1.05	3" Steel Extension Tube	— 10
R-75	26.40	7 ton Short Ram	6 3	Z-92	13.65	Duck Bill Spreader	7 15
R-112	39.30	12 ton Hollow Push-Pull Ram	6 12	Z-95	5.35	Swivel Shoe, Four Sided	3 —
R-159	26.95	10 ton Ram	10 —	Z-96	7.30	Bending Shoe, 2"	6 4
R-160	33.00	10 ton "Long Stroke" Ram	14 10	Z-109	12.00	"C" Clamp (4"x6")	14 2
R-161	32.45	R-160 w/threaded saddle	14 10	Z-110	6.00	"V" Block for Press	5 4
R-210	132.00	50 ton Ram	61 —	Z-116	5.80	Bending "Shoe, 1 1/2"	5 6
R-224	100.30	20T 13" "Long Stroke" Ram	30 8	Z-117	5.80	Bending Shoe, 1 1/4"	4 6
R-242	14.85	4T Midget Ram w/o Hose	1 —	Z-118	5.35	Bending Shoe, 1"	3 4
R-251	65.00	20 ton Ram	21 15	Z-128	3.95	3/4" Rub. Dome Flex-Head	1 8
R-263	23.65	4 ton Midget Ram Assem.	2 4	Z-129	1.65	Wedge Head	1 6
R-426	70.95	10 ton Hollow Ram	7 8	Z-131	5.85	5" Rubber Dome Flex-Head	3 8
R-540	17.15	4 ton Bantam Ram	3 8	Z-132	5.40	Chain Pull Plate	10 2
R-618	10.15	2 ton Bantam Short Ram	1 12	Z-141	10.70	7' Chain with Grab-Hook	9 1
R-640	19.80	2 ton Bantam Pull Ram	3 11	Z-170	10.80	Adjustable Body Spoon	4 6
RC-20	58.70	20T Holl-O-Ram w/ZR-400	16 —	Z-183	4.35	Pusher Pin 1 1/8" Dia.	— 15
RC-30	68.00	30T Holl-O-Ram w/ZR-400	25 —	Z-184	4.05	Pusher Pin 1/2" Dia.	— 11
RC-60	183.00	60T Holl-O-Ram w/ZR-400	57 —	Z-185	2.15	Smooth Saddle	— 12
RC-75	30.10	7T Short Ram w/ZR-400	6 6	Z-190	10.55	"C" Clamp (3"x4")	11 1
RC-112	42.15	12T Holl-O-Ram w/ZR-630	7 —	Z-192	3.30	Extension Tube Clamp Head	2 8
RC-159	30.65	10T Ram w/ZR-400	10 13	Z-218	23.05	8' Chain with Grab-Hook	27 —
RC-160	36.70	10T "Long Stroke Ram w/ZR-400	15 —	Z-238	26.45	Chain Pull Plate	25 8
RC-161	36.15	RC-160 w/threaded saddle	15 —	Z-239	6.05	10" Steel Tube	7 4
RC-210	135.70	50T Ram w/ZR-400	61 4	Z-240	9.85	20" Steel Tube	15 6
RC-224	104.00	20T 13" Ram w/ZR-400	30 8	Z-241	13.15	30" Steel Tube	24 12
RC-251	68.70	20T Ram w/ZR-400	21 8	Z-242	7.15	Tube Coupling	4 —
RC-426	74.65	10T Hollow Ram w/ZR-400	8 12	Z-243	14.85	Ram Base	10 —
RC-540	19.75	4T Bantam Ram w/ZR-630	3 10	Z-258	60.00	10T Press	113 —
RC-618	12.25	2T Pull Ram w/ZR-630	2 —	Z-285	10.95	Slip-Lock Extension	5 —
				Z-293	46.80	Gauge	4 5

Part or Model No.	Sug. User	Description	Ship. Wt. Lbs. Oz.	Part or Model No.	Sug. User	Description	Ship. Wt. Lbs. Oz.
Z-302	17.55	Gable-type Saddle	3 6	Z-927	21.45	10' Hose w/ZH-604	5 —
Z-303	17.55	"V"-type Saddle	3 8	Z-972	2.30	Chain Pull Grip	— 7
Z-305	2.15	Spring Spreader Toe	1 6	Z-977	.40	Cone-type Wedgie Pick	— 2
Z-306	8.80	Roof Spoon	2 6	Z-978	.65	Round-type Wedgie Pick	— 2
Z-307	8.80	Cowl Spoon	2 10	Z-981	.85	Mushr'm-type Wedgie Pick	— 4
Z-308	12.90	Adjustable Roof Spoon	4 13	Z-983	3.40	Rocking-type Wedgie Pick	— 8
Z-309	12.90	Adjustable Cowl Spoon	4 8	Z-1034	1.20	Spreader Ram Toe	— 12
Z-315	30.20	Wheel Hub Puller	9 —	Z-1035	3.00	Adjustable Ram Toe	1 2
Z-319	92.95	Toe-Lift Sleeve	29 8	Z-1038	1.50	7/8" Punch for 1/2" Conduit	— 2
Z-328	25.85	Portable Press	13 10	Z-1039	.80	7/8" Die for 1/2" Conduit	— 2
Z-333	126.50	Deluxe Stand	120 —	Z-1054	18.00	4" Punch for 3 1/2" Conduit	3 7
Z-339	59.70	Press for Z-333	100 —	Z-1055	14.00	4" Die for 3 1/2" Conduit	3 —
Z-377	69.30	Bending Frame	51 —	Z-1056	24.00	4 1/2" Punch for 4" Conduit	4 5
Z-379	14.50	Swivel Shoe, 4-sided	15 10	Z-1057	18.00	4 1/2" Die for 4" Conduit	3 14
Z-381	19.30	Bending Shoe, 4"	16 14	Z-1067	3.85	Short Pull Rod	— 12
Z-382	18.15	Bending Shoe, 3 1/2"	13 6	Z-1068	.80	Pull Stud Adaptor	— 2
Z-383	16.80	Bending Shoe, 3"	11 14	Z-1069	5.20	Long Pull Rod	1 4
Z-384	14.30	Bending Shoe, 2 1/2"	7 6	Z-1070	3.30	Pull Rod Nut	— 7
Z-385	11.55	Bending Shoe, 2"	7 10	Z-1096	38.50	Angl-Stand, Wheeled	66 —
Z-386	9.95	Bending Shoe, 1 1/2"	5 12	Z-1185	2.80	Plunger Protector Saddle	— 8
Z-387	8.20	Bending Shoe, 1 1/4"	5 8	Z-1200	50.55	Aluminum Bending Frame	16 6
Z-411	36.30	Bending Frame	13 12	Z-1201	3.55	1/2" Bending Shoe	— 15
Z-413	3.20	Pull Pin	— 12	Z-1202	4.15	3/4" Bending Shoe	1 6
Z-419	8.30	Swivel Shoe, 3-sided	6 12	Z-1203	5.40	1" Bending Shoe	2 2
Z-421	3.85	Pull Pin	2 4	Z-1204	9.05	1 1/4" Bending Shoe	3 14
Z-436	7.45	Serrated Saddle	— 10	Z-1205	10.70	1 1/2" Bending Shoe	5 5
Z-494	46.80	Gauge	4 2	Z-1206	13.80	2" Bending Shoe	6 —
Z-498	2.50	23" Steel Tube	2 12	Z-1207	10.05	4-Sided Swivel Shoe	1 8
Z-530	1.40	Spreader Plunger Toe	— 9	Z-1208	2.15	Pull Pin	1 1
Z-531	1.05	Serrated Saddle	— 3	Z-1209	3.85	"Optik Angle" Gauge	— 8
Z-532	1.25	90° "V" Base	— 8	Z-1210	.40	Bending Shoe Lock Pin	— 2
Z-533	1.35	Flat Base	1 1	Z-1221	4.40	Long Pull Rod	1 2
Z-539	2.65	2 3/4" Flex-Head	— 11	Z-1222	3.15	Short Pull Rod	— 11
Z-541	.90	5" Steel Tube	— 10	Z-1223	3.30	Pull Rod Nut	— 7
Z-542	1.45	10" Steel Tube	1 3	Z-1224	1.05	Pull Stud	— 2
Z-543	1.70	15" Steel Tube	1 14	Z-1225	14.55	Case for SB-60, SB-61	10 5
Z-544	.95	Tube Coupling	— 6	Z-1226	21.85	Case for SB-62	18 10
Z-545	.75	Short Connector	— 4	Z-1229	1.65	Converter	— 8
Z-546	.65	3" Steel Tube	— 6	Z-1233	179.85	Bending Frame	53 6
Z-557	6.40	5-Ft. Chain with Grab-Hook	3 12	Z-1234	35.70	2 1/2" Bending Shoe	16 —
Z-558	2.75	Chain Pull Plate	2 —	Z-1235	52.50	3" Bending Shoe	24 —
Z-588	9.70	Adjustable Body Spoon	1 13	Z-1236	28.85	3 1/2" Bending Shoe	24 —
Z-595	19.80	Lifting Toe	8 6	Z-1237	34.65	4" Bending Shoe	30 —
Z-604 + 10%	6.85	Spee-D-Coupler, complete	1 6	Z-1238	13.15	3" Swivel Shoe	8 —
Z-607	10.95	Plunger Base	9 10	Z-1239	18.05	4" Swivel Shoe	10 8
Z-624	9.15	6' Hose w/o Z-630	3 —	Z-1240	4.70	Swivel Pin	5 —
Z-629	1.30	Wedge Head	— 10	Z-1241	9.65	Pipe Removing Shoe	8 5
Z-630	5.35	Bantam Spee-D-Coupler	— 4	Z-1242	8.30	"Optik-Angle" Gauge	— 14
Z-650	9.70	Slip-Lock Extension	3 —	ZH-604	3.70	Male Half of Z-604	— 5
Z-668	19.80	6-ft. Hose w/Spec. Assm'ly	3 —	ZH-630	2.85	Male Half of Z-630	— 2
Z-680	21.40	Bending Shoe, 1 1/4"	13 12	ZR-400	3.70	Female Half of Z-604	— 6
Z-681	24.20	Bending Shoe, 1 1/2"	15 4	ZR-630	2.85	Female Half of Z-630	— 2
Z-682	30.30	Bending Shoe, 2"	23 2	19519	18.70	Carrying Kit for S-30A	20 —
Z-683	26.95	Bending Frame	16 12	19523	30.75	Carrying Kit for S-36	40 —
Z-691	2.40	U Strap, 1 1/4"	1 —	19533	9.35	Carrying Kit for 10T Sets	20 —
Z-692	2.40	U Strap, 1 1/2"	1 4	19563	30.20	Carrying Kit for S-79 Set	40 —
Z-693	2.70	U Strap, 2"	1 4	19568	32.70	Carrying Kit for S-34	40 —
Z-694	16.20	Sliding Support, 1 1/4"	5 10	19582	32.70	Bantam Wall Case	30 —
Z-695	20.35	Sliding Support, 1 1/2"	9 12	19811	18.70	Carrying Kit—Rescue Sets	24 12
Z-696	21.40	Sliding Support, 2"	13 —	19812	33.00	Carrying Kit—Benders	50 —
Z-721	46.80	Gauge	6 —	HYDRAULIC OIL LX-21 — FOR ALL HAND-OPERATED PORTO-POWER PUMPS AND HYDRAULIC HAND JACKS Quart 1.05 12 quarts to carton 2 8 1 Gallon 2.65 Can 9 — 5 Gallon 7.50 Can 44 —			
Z-722	46.80	Gauge	6 —				
Z-790	1.65	Strap Pin	— 9				
Z-830	2.05	Plunger Saddle	— 6	LX-22—FOR ELECTRICALLY DRIVEN HYDRAULIC PUMP P-182 1 Gallon 3.85 Can 9 — 5 Gallon 13.20 Can 42 —			
Z-838	15.05	Gauge Adaptor	1 8				
Z-864	11.65	6-ft. Hose w/ZH-630	1 10				
Z-881	8.30	Maximum Indicating Pointer	— 12				
Z-887	14.50	Six-ft. Hose w/Z-630	3 —				
Z-909	10.85	6-ft. Hose w/3/8" N.P.T.	2 8				
Z-913	14.00	6-ft. Hose w/ZH-604	2 15				
Z-914	17.80	6-ft. Hose w/Z-604	3 2				
Z-915	5.20	2-ft. Hose	1 4				
Z-916	9.00	2-ft. Hose w/ZR-400	1 4				

PRICES: All prices are subject to change without notice. All orders are accepted with the understanding that billing will be at the price prevailing at the time of shipment.

BLACKHAWK MFG. CO.

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BLACKHAWK SERVICE DIVISION—5054 W. State St., Milwaukee, Wis.